

PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

NLMI.P149

First Named Inventor

Pereira, Jose P.

COMPLETE IF KNOWN

Application Number

Filing Date

Herewith

Art Unit

Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HIERARCHICAL, PROGRAMMABLE-PRIORITY CONTENT ADDRESSABLE MEMORY SYSTEM

(Title of the invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|--|---------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| | | | | YES | NO |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |



Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent ApplicationDirect all correspondence to: ☐ Customer Number or ☒ Correspondence address below

Shemwell Gregory & Courtney LLP

Name

Address 4880 Stevens Creek Boulevard, Suite 201

San Jose
CityCalifornia
State95129-1034
ZIPU.S.A.
Country408-236-6640
Telephone408-236-6641
Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name Jose P.
(first and middle [if any])Family Name Pereira
or SurnameInventor's
Signature

Date Feb 10 2004

Cupertino
Residence: CityCalifornia
StateU.S.A.
CountryIndia
Citizenship

Mailing Address 10235 Vicksburg Drive

Cupertino
CityCalifornia
State95014
ZIPU.S.A.
CountryNAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name Sunder R.
(first and middle [if any])Family Name Raj
or SurnameInventor's
Signature

Date

Marlboro
Residence: CityNew Jersey
StateU.S.A.
CountryIndia
Citizenship

Mailing Address 46 Stevenson Drive

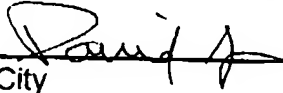
Marlboro
CityNew Jersey
State07746
ZIPU.S.A.
Country☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

PTO/SB/02A (10-00)

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet
Page 1 of 1**Name of Additional Joint Inventor, if any:**☐ A petition has been filed for this unsigned inventorGiven
Name
DavidFamily Name
or Surname
NgInventor's
SignatureDate 2/10/04Residence: City
Redwood CityState
CaliforniaCountry
U.S.A.Citizenship
U.S.A.

Mailing Address

3044 Whisperwave Circle
Mailing AddressCity
Redwood CityState
CaliforniaZIP
94065Country
U.S.A.**Name of Additional Joint Inventor, if any:**☐ A petition has been filed for this unsigned inventorGiven
NameFamily Name
or SurnameInventor's
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

Mailing Address

City

State

ZIP

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(37 CFR 1.16 (e))
required)**Attorney Docket Number**

NLMIP149

First Named Inventor

Pereira, Jose P.

COMPLETE IF KNOWN**Application Number****Filing Date**

Herewith

Art Unit**Examiner Name****As the below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**HIERARCHICAL, PROGRAMMABLE-PRIORITY CONTENT ADDRESSABLE MEMORY
SYSTEM***(Title of the Invention)*

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

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(if applicable).

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| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|--|---------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| | | | | YES | NO |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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[Page 1 of 2]

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Name

Address 4880 Stevens Creek Boulevard, Suite 201

San Jose

City

California

State

95129-1034

ZIP

U.S.A.

Country

408-236-6640

Telephone

408-236-6641

Fax

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NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name Jose P.
(first and middle (if any))Family Name Pereira
or SurnameInventor's
Signature

Date

Cupertino

Residence: City

California

State

U.S.A.

Country

India

Citizenship

Mailing Address 10235 Vicksburg Drive

Cupertino

City

California

State

95014

ZIP

U.S.A.

Country

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name Sunder R.
(first and middle (if any))Family Name Raj
or SurnameInventor's
Signature

Date

Marlboro

Residence: City

New Jersey

State

U.S.A.

Country

U.S.A.

Citizenship

Mailing Address 46 Stevenson Drive

Marlboro

City

New Jersey

State

07746

ZIP

U.S.A.

Country

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.



PTO/SB/02A (10-00)

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet
Page 1 of 1**Name of Additional Joint Inventor, if any:**☐ A petition has been filed for this unsigned inventor**David**
Given
Name**Ng**
Family Name
or Surname**Inventor's
Signature****Date****Redwood City**
Residence: City**California**
State**U.S.A.**
Country**U.S.A.**
Citizenship**Mailing Address****3044 Whisperwave Circle**
Mailing Address**Redwood City**
City**California**
State**94065**
ZIP**U.S.A.**
Country**Name of Additional Joint Inventor, if any:**☐ A petition has been filed for this unsigned inventor**Given
Name****Family Name
or Surname****Inventor's
Signature****Date****Residence: City****State****Country****Citizenship****Mailing Address****Mailing Address****City****State****ZIP****Country****Name of Additional Joint Inventor, if any:**☐ A petition has been filed for this unsigned inventor**Given
Name****Family Name
or Surname****Inventor's
Signature****Date****Residence: City****State****Country****Citizenship****Mailing Address****Mailing Address****City****State****ZIP****Country**

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Atty. Docket No.: NLMIP149

PATENT

IN THE UNITED STATES PATENT OFFICE

In Re Patent Application of:)
Pereira et al.) Examiner: Not Yet Assigned
Application No.: Not Yet Assigned) Art Unit: Not Yet Assigned
Filed: Herewith)
For: HIERARCHICAL, PROGRAMMABLE-PRIORITY)
CONTENT ADDRESSABLE MEMORY SYSTEM)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Power of Attorney by Assignee and Certification
Under 37 CFR §3.73(b)

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-referenced patent application, hereby revoke all prior powers of attorney for said application and appoint the practitioners at Customer Number 30554, the Customer Number of Shemwell Gregory & Courtney LLP, as my/our attorney(s) or agent(s) to prosecute said application, and to transact all business in the United States Patent and Trademark Office connected therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 CFR 3.71.

Effective immediately, please direct all further communications in the above-identified patent application to the following address:

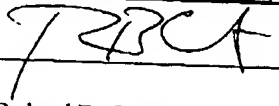
Shemwell Gregory & Courtney LLP
4880 Stevens Creek Blvd., Suite 201
San Jose, CA 95129

Telephone: (408) 236-6640
Facsimile: (408) 236-6641
Customer No. 30554

In accordance with 37 CFR 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the duly executed assignment document enclosed herewith.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18,

USC §1001 and that such willful false statements may jeopardize the validity of the this application or any patent resulting therefrom.

ASSIGNEE: NetLogic Microsystems, Inc.
 Signature: 
 Typed Name: Roland B. Cortes
 Title: Senior Director of Legal Affairs
 Date: FEBRUARY 10, 2004
 Address: 450 National Avenue
Mountain View, California 94043

Atty. Docket No.: NLMI.P149

PATENT

IN THE UNITED STATES PATENT OFFICE

| | | |
|--|---|----------------------------|
| In Re Patent Application of: |) | |
| |) | Examiner: Not Yet Assigned |
| Pereira et al. |) | |
| |) | Art Unit: Not Yet Assigned |
| Application No.: Not Yet Assigned |) | |
| |) | |
| Filed: Herewith |) | |
| |) | |
| For: HIERARCHICAL, PROGRAMMABLE-PRIORITY |) | |
| CONTENT ADDRESSABLE MEMORY SYSTEM |) | |
| |) | |

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

APPOINTMENT OF ASSOCIATE ATTORNEY

Sir:

I, the undersigned, am a principal attorney of record for the above-identified patent application by virtue of a duly executed power of attorney filed herewith and, as such, hereby appoint Roland B. Cortes, Reg. No. 39,152, of NetLogic Microsystems, Inc. located at 450 National Ave., Mountain View, CA 94043, telephone (650) 961-6676, as an associate attorney with full authority to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith.

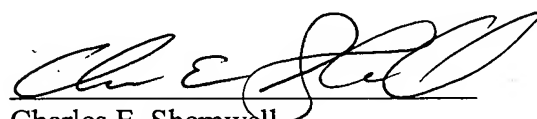
Please continue to direct all communications regarding the above-identified patent application to the following address:

Shemwell Gregory & Courtney LLP
4880 Stevens Creek Blvd., Ste. 201
San Jose, CA 95129

Telephone: (408) 236-6640
Facsimile: (408) 236-6641
Customer No. 30554

Respectfully Submitted,

Date February 10, 2004


Charles E. Shemwell
Reg. No. 40,171